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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/880,474	06/12/2001	Jamal Benbrahim	IGTECH.0013P	5212

7590

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EXAMINER

WHITE, CARMEN D

ART UNIT

PAPER NUMBER

3714

DATE MAILED: 08/29/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

09/880,474

Applicant(s)

BENBRAHIM, JAMAL

Examiner

Carmen D. White

Art Unit

3714

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-15 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-15 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.  
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

## Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All b) ☐ Some \* c) ☐ None of:  
1. ☐ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  
\* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).  
a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 2.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other:

## DETAILED ACTION

### ***Claim Rejections - 35 USC § 112***

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claims 5, 8 and 10 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claim 5 recites the limitation "the operation" in line 1. There is insufficient antecedent basis for this limitation in the claim.

Claim 5 recites the limitation "the type" in line 1. There is insufficient antecedent basis for this limitation in the claim.

Claim 8 recites the limitation "the authenticity" in lines 1-2. There is insufficient antecedent basis for this limitation in the claim.

Claim 10 recites the limitation "the type" in line 1. There is insufficient antecedent basis for this limitation in the claim.

Claim 10 recites the limitation "the operation" in line 7. There is insufficient antecedent basis for this limitation in the claim.

Claim 10 recites the language "adapted to" in line 7. This language makes it difficult to ascertain the scope of the claim and should be eliminated.

***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-2, 4-8, 10-13 are rejected under 35 U.S.C. 102(b) as being anticipated by Alcorn et al (5,643,086).

Regarding claims 1-2, 4-8 and 10-13, Alcorn teaches a method of providing control code for operating a casino gaming device that includes encrypting the data in a symmetrical (private key) encryption process with a first key (col. 10, lines 27-30); providing said encryption data to said gaming device; initiating operation of said gaming device; locating a decryption device; providing said encrypted data to said decryption device; decrypting said encrypted data with said decryption device using said first key and storing the decrypted data (Fig. 4; Fig. 5; col. 2, lines 44-63).

***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 3, 9 and 14-15 are rejected under 35 U.S.C. 103(a) as being unpatentable over Alcorn et al (5,643,086).

Regarding claims 3 and 15, Alcorn teaches all the limitations of the claims as discussed. While Alcorn teaches encryption of game data prior to installation in the gaming machine (col. 2, lines 40-41), Alcorn is silent regarding explicitly stating the step of transmitting this data to the gaming machine. It would have been obvious to a person of ordinary skill in the art at the time of the invention to include the transmission of this encrypted code to the gaming machine so that the machine could be easily programmed with new game updates.

Regarding claim 9, Alcorn teaches all the limitations of the claims as discussed. While Alcorn teaches the use of a key to decrypt the data (Fig. 3, Fig. 5), Alcorn is silent as to the separate storage of the decryption device (program) and the decryption key which requires the transmission of the key to the device. It would have been obvious to a person of ordinary skill in the art at the time of the invention to have the decryption key located remotely from the decryption device and to transfer the key to the device. This would increase the security of the system by having the two located in separate locations, in cases where one memory location is compromised.

Regarding claim 14, Alcorn teaches all the limitations of the claims as discussed. While Alcorn teaches the use of program memory that has read/write access (col. 2, lines 26-28), Alcorn is silent regarding this memory being a RAM. The examiner takes official notice that it is well known in the art to use RAM as a form of read/write memory. Therefore, it would have been obvious to a person of ordinary skill in the art at the time of the invention to include a RAM as the read/write program memory of Alcorn. This would allow easy access to the game data in cases of upgrades.

***Pertinent Prior Art***


The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Rothschild et al and Schneier et al teach secure gaming systems.

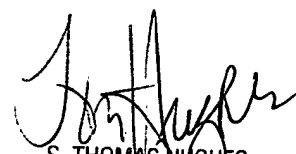
***USPTO Contact Information***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Carmen D. White whose telephone number is 703-308-5275. The examiner can normally be reached on Monday through Friday, 8:30 AM to 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tom Hughes can be reached on 703-308-1806. The fax phone numbers for the organization where this application or proceeding is assigned are 703-308-7768 for regular communications and 703-305-3579 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-1078.

  
C. White  
Patent Examiner

  
S. THOMAS HUGHES  
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